

LESSLEY  
"Strand Orientation Alignment In Strand  
Coating Systems And Methods"  
Atty. Docket No. 14120

Appl. No. 10/623,294  
Confirm. No. 4116  
Examiner B.Lamb

## REMARKS

The non-final Office action mailed on 24 May 2005 has been considered carefully. Reconsideration of the application is respectfully requested in view of the amendments above and discussion below.

Claims 14-32 are pending.

### Response to Rejection Under 35 USC 112, Second Paragraph

#### Rejection Summary

Claims 18-19 and 31 stand rejected under 35 USC 112, second paragraph.

#### Discussion

Claim 18 has been amended to provide a proper antecedent basis for the "module", thus curing the rejection of Claim 18 and dependent Claim 19. Claim 31 has been amended to delete the reference to the "adhesive dispensing orifice". Kindly withdraw the rejections under 35 USC 112.

### Allowability of Claims Over Louch

#### Rejection Summary

Claims 27 and 31 stand rejected under 35 USC 102(b) as being unpatentable

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over U.S. Patent No. 5,893.412 (Louch).

Claims 14, 18 and 20-21 stand rejected under 35 USC 103(a) as being unpatentable over U.S. Patent No. 5,893.412 (Louch).

### Discussion of Claim 27

Regarding Claim 27, contrary to the Examiner's assertion, Louch does not disclose or suggest a

... system for applying coating materials onto a strand,  
the system comprising:  
an fluid dispensing device having a fluid dispensing  
orifice from which fluid is dispensed,  
a strand guide member coupled to the fluid dispensing  
device, the strand guide for guiding a strand drawn past fluid  
dispensing orifice;  
a strand orienting pin located between the strand guide  
member and the fluid dispensing orifice so that a strand  
drawn from the strand guide member over the fluid  
dispensing orifice is engaged with the strand orienting pin.

The Examiner's assertion that the pins 34 and 35 of Louch correspond to the "strand orienting pin" of Claim 27 is erroneous. The pins 34 and 35 of Louch do not orient the traveling yarn (10). In Louch, the plane of pins 34-37 is spaced sufficiently from the plane of pins 16-19 such that the traveling yarn (10) does not ordinarily contact the pins. Louch, col. 5, lines 11-14. The pins in Louch function to prevent the passage of bulky imperfections in the yarn. Louch, col. 5, lines 19-27. The pins of Louch do not orient the strand and thus the pins of Louch cannot be characterized as a "strand orienting pin". Claim 27 is thus patentably distinguished over Louch.

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### Discussion of Claim 31

Regarding Claim 31, Louch does not disclose or suggest in combination with the limitations of Claim 27 that "... the fluid dispensing device is an adhesive dispensing device." Louch discloses that the yarn (10) is treated with yarn treating compositions such as water, lubricants, antistatic agents, colorants, and die site blocking agents. Claim 31 is thus further patentably distinguished over Louch.

### Discussion of Claim 14

Regarding Claim 14, contrary to the Examiner's assertion, Louch does not disclose or suggest a

... strand coating system, comprising:  
an adhesive dispensing device having an adhesive dispensing orifice;  
a strand guide member;  
a strand axial orientation aligning member coupled to the adhesive dispensing device,  
the strand axial orientation aligning member positioned in substantial alignment with the adhesive dispensing orifice, the strand axial orientation aligning member disposed between the strand guide member and the adhesive dispensing orifice.

The Examiner's assertion that the pins 34 and 35 of Louch correspond to the "strand axial orientation aligning member" of Claim 14 is erroneous. The pins 34 and 35 of Louch do not orient the traveling yarn (10). In Louch, the plane of pins 34-37 is spaced sufficiently from the plane of pins 16-19 such that the traveling yarn (10) does not

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ordinarily contact the pins. Louch, col. 5, lines 11-14. The pins in Louch function to prevent the passage of bulky imperfections in the yarn. Louch, col. 5, lines 19-27. The pins of Louch do not orient the strand and thus the pins of Louch cannot be characterized as a "strand axial orientation aligning member". Claim 14 is thus patentably distinguished over Louch.

#### Discussion of Claim 18

Regarding Claim 18, Louch does not disclose or suggest in combination with the limitations of Claim 14 that "... the strand guide member is coupled to a module." Claim 18 is thus further patentably distinguished over Louch.

#### Discussion of Claim 20

Regarding Claim 20, Louch does not disclose or suggest in combination with the limitations of Claim 14 that "... the strand guide member includes a strand guide not aligned with the adhesive dispensing orifice and the strand axial orientation aligning member." Claim 20 is thus further patentably distinguished over Louch.

#### Discussion of Claim 21

Regarding Claim 21, Louch does not disclose or suggest in combination with the limitations of Claim 20 that "... the strand axial orientation aligning member is a pin having a recessed side portion." The transverse gaps in pins 34-38 in Louch are not recesses. Claim 21 is thus further patentably distinguished over Louch.

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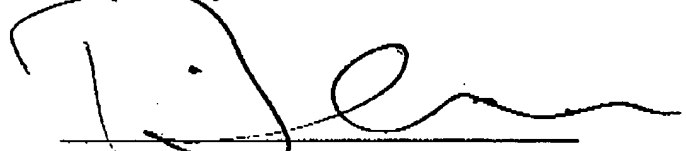
### **Allowed & Allowable Claims**

The Examiner indicated that Claims 15-17, 19 28-30 and 32 were allowable but said claims stand objected to for dependence on rejected base or intervening claims.

### **Prayer For Relief**

In view of the discussion and any amendments above, it is submitted that all pending claims of the present application are in condition for allowance. Kindly withdraw any rejections and objections thereto and allow the claims of the present application to issue as a United States Patent without delay.

Respectfully submitted,



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